

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1.-18. Cancelled.

19. (Currently Amended) A vacuum heat-insulating material comprising:

a core material; and

an envelope material covering the core material;

wherein the envelope material has an interior reduced in pressure, the envelope material having a lamination structure having a thermal bonding layer, a gas-barrier layer and a protection layer having a radiation-heat-conduction suppressivity;

~~the protection layer using the film for suppressing conduction of radiation heat of claim 1~~
a film for suppressing conduction of radiation heat comprising:

a resin film having at least an infrared-ray absorptivity of lower than 25%;

an infrared-ray-reflection layer; and

an adhesive layer;

wherein an infrared-ray reflectivity is 50% or higher,

the infrared-ray-reflection layer being a metal foil, wherein the adhesive layer of the protection layer has a bonding area which laminates together the resin film and the infrared-ray-reflection layer and a non-bonding area which does not laminate together the resin film and the infrared-ray-reflection layer.

20. (Previously Presented) The vacuum heat-insulating material of claim 19, wherein the protection layer is layered and contains at least two layers of the resin

film and at least two layers of the metal foil and wherein the at least two layers of the resin film and the at least two layers of the metal foil are arranged alternately in the protection layer.

21. (Original) The vacuum heat-insulating material of claim 19, wherein the protection layer is formed with the resin film in a single layer and the metal foil layered.

22. (Original) The vacuum heat-insulating material of claim 19, wherein the metal foil of the protection layer is an aluminum foil.

23. (Original) The vacuum heat-insulating material of claim 19, wherein the resin film of the protection layer is a fluorinated resin film.

24. (Original) The vacuum heat-insulating material of claim 19, wherein the resin film of the protection layer is a polyphenylene sulfide film.

25. (Currently Amended) A vacuum heat-insulating material comprising:

a core material; and

an envelope material covering the core material;

wherein the envelope material has an interior reduced in pressure, the envelope material having a lamination structure having a thermal bonding layer and a protection layer having a radiation-heat-conduction suppressivity;

~~the protection layer using the film for suppressing conduction of radiation heat of claim 1; a film for suppressing conduction of radiation heat comprising;~~

a resin film having at least an infrared-ray absorptivity of lower than 25%;

an infrared-ray-reflection layer; and

an adhesive layer;

wherein an infrared-ray reflectivity is 50% or higher,

the infrared-ray-reflection layer being a metal foil, wherein the adhesive layer of the protection layer has a bonding area which laminates together the resin film and the infrared-ray-reflection layer and a non-bonding area which does not laminate together the resin film and the infrared-ray-reflection layer, and wherein the metal foil of the protection layer is formed as a gas-barrier layer.

26. (Original) The vacuum heat-insulating material of claim 19, wherein the envelope material, having the protection layer having a radiation-heat-conduction suppressivity, is used in a surface that is to become a higher-temperature side at least when the vacuum heat-insulating material is set up.

27. (Original) The vacuum heat-insulating material of claim 26, wherein the envelope material, on the surface that is to become a higher-temperature side when the vacuum heat-insulating material is set up, is greater in size than the envelope material on a lower-temperature side.